

Technical  
Training

May 10, 2006

# *OPPORTUNITY*



**PLEASE POST OR DISTRIBUTE THIS MEMO TO YOUR EMPLOYEES**

<b>COURSE:</b>	<b>NHI COURSE: DESIGNING AND OPERATING INTERSECTIONS FOR SAFETY</b>
<b>DESCRIPTION:</b>	<p>This course examines various aspects of design and operations and how they affect the safety of an intersection and its various users. This course contains a total of six modules: Users and Intersections; Diagnostics and Countermeasures; Geometric Design; Unsignalized Intersections; Signalized Intersections and Case Studies.</p> <p>Upon completion of the course, participants will be able to:</p> <ul style="list-style-type: none"><li>• List the user groups to consider</li><li>• Describe user characteristics and how they affect intersection design and safety</li><li>• Describe approaches to balance needs of different user groups</li><li>• Determine which intersections have poor crash experience</li><li>• Assess causes of high crash experience or high potential</li><li>• Describe how to select appropriate countermeasures</li><li>• Define intersection design objectives, controls and focus area</li><li>• Identify key safety-related intersection geometric design decisions, applications, and assumptions</li><li>• Describe the measured and potential safety improvements that result from key intersection geometrics</li><li>• Describe safety issues at unsignalized intersections</li><li>• Summarize MUTCD requirements for signaling an intersection</li><li>• Select appropriate countermeasures to address safety issues at unsignalized intersections</li><li>• Discuss contributing factors to safety concerns</li></ul>

**DATE & TIME:**

**July 25-27, 2006**

**8:00 a.m. to 4:30 p.m. each day**

**LOCATION:** Mn/DOT Training & Conference Center  
1900 West County Road I  
Shoreview, MN 55126

**AUDIENCE:** Traffic Engineers and Transportation Professionals with one to five years experience.

**REGISTRATION PROCEDURE:** Obtain supervisory approval before registration. Register through your Employee Development Specialist (EDS).  
  
Registrations will be accepted on **GroupWise from Employee Development Specialists only.**

**EDS's, send a note to Sandy Servatius** or letter only to MS 650. Confirmations will be returned on **GroupWise** to Employee Development Specialists. You are not registered until confirmations are sent.

**COURSE FEE:** **\$400** - will be paid by the Technical Certification unit for Mn/DOT personnel.

**MATERIALS:** **Scientific Calculator, note paper, #2 pencils and highlighter**

**LODGING:** Refer to internet site: [www.dot.state.mn.us/hr/trngctr/](http://www.dot.state.mn.us/hr/trngctr/) for hotel/motel information in the vicinity of the Mn/DOT Training Center.

**CANCELLATION PROCEDURES:** **All cancellations must be made 7 calendar days prior to the class starting date. All cancellations must be in writing by sending a letter to Mail Stop 650, fax (651/296-3811) or GroupWise note to Sandy Servatius.**  
  
Your office will be charged **\$400** per person for late cancellations and no shows.

**COMPENSATORY TIME:** Employees who are subject to overtime should note that attendance at non-assigned training is voluntary and that the total state time is not to exceed the regular scheduled work day.

**COST ACCOUNTING:** **Mn/DOT employees shall use the following activity code on their time sheet for this class. Activity Code: 0600**

**CEU's:** **1.8**

**ADDRESSEES:** DLENG  
DLENG2  
OTSO ENGRS MGRS/SUPV  
AMG  
PCMG  
Employee Development Specialists  
ECMS Helpdesk  
FHWA